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WISTAR, INSTITUTE OF ANATOMY AND BIOLOGY,  
PHILADELPHIA. REPORT ON THE ANATOMICAL  
MUSEUM.



Wistar Institute of Anatomy & Biology  
Philadelphia

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# REPORT

ON THE STATE OF THE

## ANATOMICAL MUSEUM

OF THE

UNIVERSITY OF PENNSYLVANIA,

30th JUNE, 1824.



By W. E. HORNER,

ADJ. PROF. OF ANATOMY.

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WASHINGTON, D. C.

## PREFACE.

THE foundation of the Anatomical Collection was laid by the liberality of the Widow of the late Professor Wistar. This Lady, on the death of her husband, recollecting the extreme interest which he had always taken, but more particularly in latter years, for the advancement of his chair, and for extending in every way the facilities of Anatomical Instruction, felt convinced, that if, in the sickness which destroyed his life, a rational interval had occurred, he certainly would have employed it in making a bequest of his preparations to the University. She therefore determined to manifest, both her affection to the memory of her lamented husband, and the interest which she felt in the scene of his labours, by purchasing, and presenting to the University, his collection. Which was accordingly done.

Doct. Wistar's cabinet consisted principally in dried preparations of the Vascular and Lymphatic system,—Corrosions, and Models. The numerous series of wet preparations has been the result of the subsequent labours of the Chair of Anatomy.

In the beginning of the present year, the Managers of the Pennsylvania Hospital, with a friendliness and liberality which has met with the highest commendation, gave to the University their Anatomical Collection, consisting in Casts, Wax Models, Paintings, and Morbid Preparations.

A desire to improve any department in the University

has always met with the decided approbation and support of the Trustees. They accordingly, immediately on the donation of Mrs. Wistar, caused a room to be erected for containing it. From the growing state of the Museum, this being found in a year or two, too small; they then, with their accustomed liberality, appropriated to the purpose, the large room in the main body of the building, which formerly had been occupied as a lecture room by Professors Rush and Barton.

W. E. H.

## REPORT.

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Since the Report of October, 1822, the Museum having been much augmented by the liberality of the Pennsylvania Hospital, and also by additions on the part of the Anatomical Chair, the arrangement was found not sufficiently convenient, either in the classification of the then existing articles, or in its provision for subsequent additions. For these causes, an entirely new plan has been adopted, derived in some degree from the collection of the late Jno. Hunter, but modified by the particular views of the undersigned.

The present plan divides the whole Museum into three series. The first relates to Models, Paintings, and Artificial Representations. The second relates to Wet Preparations. And the third to Dried Preparations. The first, from its position, not requiring an alphabetical mark has none. The second is indicated by the letter A; and the third by the letter B.

It has been an object to keep these several kinds of preparations perfectly distinct from each other, both in their locality and in their classification, yet a blending of them has occasionally been resorted to, as the most simple plan of illustrating particular structures.

In the catalogue, the number of the preparation, and its series, are placed in the first column, the name of the

preparation in the second, and the donor's or owner's name in the third. The latter is represented by initials, thus:

- W. stands for Wistar
- P. " for Physick
- P. H. " for Pennsylvania Hospital
- J. " for James
- H. " for Horner.

There are a few other contributors, whose names are for the most part written in full.

{ This mark relates to preparations which have been sawed into two or more pieces. Sometimes the same number is put upon the several pieces, sometimes consecutive numbers.

A great difficulty with almost every anatomist having a cabinet of any magnitude, is the numbering of his preparations in such a way, that he may introduce fresh articles, so as to harmonize both in their positions and numbers with their congeners. It has been a subject of much reflection to Dr. Horner, as well as of inquiry into the arrangements of collections abroad, and as yet he has met with no plan suiting his own views of convenience and simplicity. It is not necessary for him to point out the conceived defects in such instances, he only makes the remark, with the view of explaining a peculiarity in the present one. For example, in the first series, many preparations intervene between the Nos. 12 and 13, and they are introduced without confusion by adopting fractional signs, as 12-1, 12-2, 12-3, 12-4, 12-5, &c. From which it is evident that a thousand preparations, may subsequently come in between 12 and 13, without ever disturbing the present catalogue.

It also will add inconsiderably to the complexity of the plan, to subjoin a fraction to a fraction as 12-1-1, 12-1-2, 12-1-3, 12-1-4, 12-1-5, 12-1-20, 12-1-100, &c. So that a preparation, let it be added at the most distant interval of time, need never be separated from its congener, either in number or position. From the want of some such simple plan, it is very common in growing collections, to be under the necessity of forming new catalogues every few years, which has been the task of the undersigned, now for the third or fourth time.

The Museum has reached a state in which a printed catalogue would be attended with advantage in several respects. The Adj. Prof. of Anatomy, therefore, respectfully suggests to the committee, and to the hon. the Board of Trustees, this measure for their adoption. All which is respectfully submitted by

W. E. HORNER,  
*Adj. Prof. of Anatomy.*

To Messrs. GIBSON,  
BURD,  
COLLINS, } Committee on Wistar Museum.

30th, June, 1824.



# CATALOGUE.

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## *Models and Paintings.*

No.

1	Male figure	in wax, by Doct. Chovet	P. H.
2	Female do.	do.	do.
3	Bust of male	do.	do.
4	Fœtus in utero	do.	do.
5	Fœtus and placenta	do.	do.
6	Fœtus on pedestal	do.	do.
7	Fœtus dissected	do.	do.
8	Female genital organs with kidnies	do.	do.
9	Intestines of adult	do.	do.
10	Abdomen, externally, of a pregnant woman, in plaster, presented by Dr. Fothergill to		do.
11	Abdomen, internally, of a pregnant woman, in plaster, presented by Dr. Fothergill to		do.
12	Breech presentation, in plaster, presented by Dr. Fothergill to		do.
12-1	Superficial muscles in plaster		W.
12-2	Phrenological bust		H.
12-3	Do. divisions of Cranium		do.
12-4	Cast of Skull of murderer executed at Edinburg		do.
12-5	Do. do. do. in England		do.
12-6	Do. do. Raphael		do.
12-7	Do. do. unknown		do.
12-8	Do. do. Haggerty, a murderer executed in Eng.		do.
12-9	Do. do. Heaman		do.
12-10	Do. Natural Idiot in Germany		do.
12-11	Do. showing organs of conscientiousness		do.
12-12	Do. Mask of Cromwell		do.
12-13	Do. do. Pitt		do.

12-14	Cast, Mask of Voltaire	H.
12-15	Do. do. John Hunter	do.
12-16	Do. do. Sir Isaac Newton	do.
12-17	Do. do. a physician of Paris	do.
12-18	Do. do. unknown	do.
12-19	Convolutions of Brain, cast	do.
13	Model of ventricles of Brain, by Rush, in wood	W.
14	Do. basis do. do. do.	do.
15	Do. Eye do. do.	do.
16	Do. Larynx in clay	do.
17	Do. do. do.	do.
18	Do. Thyroid Cartilage paper	do.
19	Do. Male organs of generation in clay	do.
19-1	Do. Chinese foot do. Chapman	
20	Do. First row of Carpus, by Rush, in wood P.	
21	Do. Second row of do. do. do.	
22	Do. Radius do. do. do.	
23	Do. Sphenoid Bone do. do. W.	
24	Do. Upper Maxilla & Palate Bone do. do. do.	
25	Do. Lower Turbinated Bone do. lead do.	
26	Do. Cellular portion of Ethmoid do. wood do.	
27	Do. Ethmoid Bone do. do. do.	
28	Do. Os Unguis do. do. do.	
29	Do. Temporal Bone do. do. do.	
30	Do. Labyrinth do. do. do.	
31	Do. External Ear in clay do.	
32	Do. Temporal Bone in wax do.	
33	Do. Bones of Tympanum do.	do.
34	Crayon Anat. painting, pr. by Dr. Fothergill to P. H.	
35	Do. do. do.	do.
36	Do. do. do.	do.
37	Do. do. do.	do.
38	Do. do. do.	do.
39	Do. do. do.	do.
40	Do. do. do.	do.
41	Do. do. do.	do.
42	Do. do. do.	do.

43	Crayon Anat. painting, pr. by Dr. Fothergill to	P. H.
44	Do. do. do.	do.
45	Do. do. do.	do.
46	Do. Midwifery do. do.	do.
47	Do. do. do.	do.
48	Do. do. do.	do.
49	Do. do. do.	do.
50	Do. do. do.	do.
51	Do. do. do.	do.

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Series marked A, consisting for the most part in wet preparations.

*Blood.*

A.

1	Fibrine of the Blood washed white	H.
2	Do. do. do.	do.

Bones, and their Diseases and Accidents.

3	Calcined Bone	H.
4	Do. do.	do.
5	Do. do.	do.
6	Bone subjected to acid, and earthy part removed	do.
7	Do. do. do.	do.
8	Do. do. do.	do.
9	Infantile os parietale, minutely injected	do.
10	Do. os occipitis do.	do.
11	Do. bones of forearm do.	do.
12	Do. os femoris do.	do.
13	Do. tibia and fibula do.	do.
14	Do. do. do.	do.
15	Do. Bones of lower extremity do.	do.
16	Do. Tibia and fibula do.	do.
17	Fracture of Olecranon with ligamentous union	do.
18	External lateral dislocation of Elbow	do.

A.			
19	Fracture of the external Condyle of the Humerus, with consequent deformity		H.
20	Hip joint diseased and cured after secondary dis- location, with the exfoliation of the head of the Femur		do.
21	Dislocation of os humeri into axilla with oblique fracture of the tuberosities		do.
22	Dislocation of os humeri into axilla. The reduc- tion of which was attended with the rupture of the axillary artery from its adhering to the subscapularis muscle, and with death from bleeding, by Doct. Gibson		do.
23	Callus injected after fracture of bones of the leg		do.
24	Do. do. do.		do.
25	Do. do. do.		do.
26	Caries in spine of Infant		do.
27	Do. do. do.		do.

### Organs of Circulation and their Diseases.

28	Adult Heart	H.
29	Fœtal do.	do.
30	Do. do. showing Foramen Ovale	do.
31	Heart of large shark	do.
32	Do. Alligator	do.
33	Do. do.	do.
34	Aneurism of abdominal Aorta	do.
35	Laminated coagulated lymph from 34	do.
36	Enlarged heart	W.
37	Pericardium adhering to heart, by Doct. Jackson	H.
38	Unnatural opening between auricles of a Child's heart, by Doct. Jackson	do.
39	Aneurism of Thoracic Aorta	do.
40	Do. Arch of do.	do.
41	A portion of 40 with the trachea	do.
42	Commencing Aneurism at arch of aorta	do.
43	Ossification of the valves of the aorta	do.

A.

44 Ossification of the valves of the aorta  
45 Polypus of right auricle and ascending cava,  
    by Dr. Coates  
46 Cominencing aneurism of aorta

## Organs of Respiration and their Diseases.

47	Cartilages of the Larynx	H.
48	Fœtal Lung	do.
49	Do. do.	do.
50	Gills of Rock fish injected minutely	do.
51	Oyster injected minutely	do.
52	Do. do. by Dr. Dorsey	P. H.
53	Small polypus of lining membrane of trachea, producing suffocation and death after symp- toms of consumption, by Dr. Tucker	H.
54	Larynx of individual who died from meat stopping in it while he was swallowing, by Dr. Meigs	do.
55	Membrane of Croup	do.
56	Tendon of the Diaphragm studded with spots of Cartilage (Osthæxia)	do.
57	Pleura converted into Cartilage (Osthæxia)	do.
57-1	Do. do. into bone (dry) (Osthæxia)	do.

## Organs of Digestion and their Diseases.

58	Teeth upon a board	H.
59	Teeth of lower maxilla with their nerves	do.
60	Infantile lower maxilla injected minutely, to show the capsules of the teeth	do.
61	Do. do.	do.
62	Do. do.	do.
63	Upper maxilla do.	do.
64	Side view of mouth and throat minutely injected	do.
65	Do. do. do. do.	do.
66	Tongue with nerves dissected	do.
67	Tongue of monkey	do.
68	Stomach and spleen minutely injected	do.

A.		H.
69	Stomach of adult	
70	Do. injected minutely	do.
71	Do. section of do.	do.
72	Do. do. do.	do.
73	Do. Pyloric orifice do.	do.
74	Do. do. dissected	do.
75	Do. coats of	do.
76	Do. do.	do.
77	Do. Fœtal injected minutely	do.
78	Small intestines, section of, do.	do.
79	Do. do.	do.
80	Do. do.	do.
81	Do. do.	do.
82	Do. mucous glands of	do.
83	Do. section of minutely injected	do.
84	Do. do. do.	P.
85	Do. nerves of	H.
86	Colon, section of, minutely injected	do.
87	Do. do.	do.
88	Do. head of do.	do.
89	Do. do. do.	do.
90	Do. do. do.	do.
91	Rectum	do.
92	Stomach of slunk calf	do.
93	Œsophagus, tumour of	P. H.
94	Do. with a copper in it	Dorsey
95	Stomach cancer of, by Dr. Tucker	H.
96	Coagulum of milk expelled from stomach of a young woman, having produced convulsions	P.
97	Stomach of Yellow Fever patient of 1820	H.
98	Black vomit of do. do.	do.
99	Small intestines, ulceration of mucous coat of	do.
100	Do. do.	do.
101	Do. Intussusceptio in a child	do.
102	Colon, having a fistulous opening on thigh from abscess in right iliac region	do.
103	Rectum, stricture of	do.

## A.

			P. H.
104	Tape worm		
105	Do. do.		do.
106	Liver, section of, in child, injected minutely		H.
107	Do. do. do.		do.
108	Do. Lymphatics of		P.
109	Do. Schirrus of		H.
110	Do. do.		do.
111	Do. do.		do.
112	Spleen, section of, injected minutely		do.
113	Do.	do.	do.
114	Do. pulp washed out		do.
115	Do. ossified on surface (osthexia)		do.
116	Do. of calf		do.

## Emunctories, and their Diseases.

117	Kidney, injected minutely		H.
118	Do.	do.	do.
119	Do. section of	do.	do.
120	Do. do.	do.	do.
121	Do. do.	do.	do.
122	Do. do.	do.	do.
123	Do. do.	do.	do.
124	Do. suppurated from calculus		do.
125	Do.	do.	P. H.
126	Do.	do.	do.

## Male Organs of Generation and their Diseases.

127	Penis and Bladder, side view of		H.
128	Do. do. do.		do.
129	Do. do. do.		do.
130	Do. with Urethra cut open		do.
131	Testicle, quicksilver injection of		W.
132	Do.	do.	P.
133	Spermatic cord, lymphatics of, in horse		W.
134	Testicle, tunica vaginalis of		H.
135	Do.	do.	do.

## A.

136	Prostate gland enlarged	H.
137	Do. false passages in, by Dr. Physick	do.
138	Do. third lobe enlarged	do.
139	Do. do.	P. H.
140	Scrotum, schirrus of	H.
141	Testicle, do.	do.
142	Do. do.	do.

## Female Organs of Generation and their Diseases.

143	Female organs of generation, with Hymen	P. H.
144	Vulva with do.	H.
145	Do. do.	do.
146	Do. do.	do.
147	Uterus injected minutely	do.
148	Female genital organs of Panther	W.
149	Do. Monkey	H.
150	Labia interna enlarged	P. H.
151	Uterus, small schirrus of	H.
152	Do. do.	do.
153	Do. do. by Dr. Hodge	do.
154	Do. do. very large, by Dr. James	do.
155	Do. Cancer of	do.
155-1	Do. do.	do.
156	Do. do.	do.
157	Do. do.	do.
158	Do. Procidentia of	do.
159	Do. Hydatids of, by Dr. James	do.
160	Ovarium, dropsical	do.

## Generation and Pregnancy.

161	Uterus two days after delivery	H.
162	Do. do.	do.
163	Placenta adhering to ditto. The patient died from rupture of the cervix, owing to hydrocephalus of fœtus. See ppn. B. 147	do.
164	Placenta injected minutely	do.

## A.

165	Uterus of Cow, section of, showing cotyledons	H.
166	Do.	do.
167	Do.	do.
168	Do.	do.
169	Do.	do.
170	Do.	do.
171	Do.	do.
172	Do.	do.
173	Do.	do.
174	Do.	do.
175	Abortion of five weeks; showing the decidua vera—decidua reflexa—and ovum	do.
176	Decidua vera of five weeks	do.
177	Decidua refluxa with chorion of four weeks	do.
178	Do. with chorion and amnion of six weeks	do.
179	Ovum of six weeks	Dewees
180	Embryo of five weeks	do.
181	Do. six do.	do.
182	Do. seven do.	Dewees
183	Do. eight do.	do.
184	Do. nine do.	Dewees
185	Do. ten do.	do.
186	Do. eleven do.	W.
187	Do. twelve do.	H.
188	Do. three months	do.
189	Do. three and a-half months	W.
190	Do. three and three quarter months	H.
191	Do. do. do.	do.
192	Do. four	do.
193	Do. four and a-half	do.
194	Do. five	J.
196	Do. do.	do.
197	Do. five and a-half	do.
198	Do. do. do.	do.
199	Do. five	with membranes H.

## C

## A.

200	Thoracic and abdominal viscera of a fœtus of five and a-half months	H.
201	Thora. & abdom. visc. of a fœtus of, six months, Dorsey.	
202	Do. do. do. do.	H.
203	Do. do. seven do.	do.
204	Do. do. nine do.	do.
205	Conception extra uterine of nine months	do.
206	Ovarium with a tooth in the side of it. It was encysted and contained suet and hair	J.
207	Hair belonging to 206	do.
208	Ovarium with bicuspis tooth growing on it	H.
209	Fœtus without a brain	J.
209-1	Cranium of fœtus without a brain	do.

## Germination.

210	Kidney Bean, germination of	H.
211	Do. do.	do.
212	Do. do.	do.
213	Indian Corn do.	do.
214	Do. do.	do.
215	Do. do.	do.
216	Do. do.	do.
217	Do. do.	do.
218	Do. do.	do.
219	Do. do.	do.
220	Do. do.	do.
221	Do. do.	do.

## Incubation.

222	Embryo of Egg of <i>Pullus Gallinaceus</i> five days Incubation	H.
223	Do. six	do.
224	Do. seven	do.
225	Do. ten	do.
226	Do. eleven	do.
227	Do. twelve	do.
228	Do. thirteen	do.

## A.

229	Embryo of Egg of <i>Pullus Gallinaceus</i> fourteen days Incubation		H.
230	Do.	sixteen	do.
331	Do.	eighteen	do.
232	Do.	twenty	do.
	—		
233	Ova of Leech		do.
234	Fungus formed in closed pot of size coloured with carmine, without putrefaction		do.

## Organs of Sensation.

*Eye.*

235	Eyelids of fœtus injected minutely		H.
236	Do.	do	do.
237	Do.	do.	do.
238	Tunica Sclerotica		do.
239	Do. do.		do.
240	Tunica Choroidea		do.
241	Do. do.		do.
242	Do. do.		do.
243	Do. do. injected minutely		do.
244	Do. do. do.		do.
245	Do. do. of fœtus	do.	do.
246	Iris of do.	do.	do.
247	Ciliary processes injected		do.
248	Iris		do.
249	Do.		do.
250	Tunica Retinæ		do.
251	Do.		do.
252	Do.		do.
253	Eye, vertical section of, to show coats and humours		do.
254	Do.	do.	do.
255	Do.	do.	do.
256	Do.	do.	do.
257	Do.	do.	do.
258	Do.	do.	do.

## A.

259	Leus	of	Eye	H.
260	Do.	do.	do.	do.
261	Tunica Choroidea of Sheep			do.
262	Do	do,		do.
263	Ciliary Processes of	do.		do.
264	Do.	do,		do.
265	Lens and Iris of	do.		do.
266	Tunica Hyaloidea of Bullock			Physick
267	Do,	do,		do.

*Ear.*

These pp's are, for the most part, in bell-glasses.

268	Six views of Tympanum		H.
269	Ten	do.	do.
270	Eight	do. and Labyrinth	do.
271	Eight views of Labyrinth		do.
272	Two Labyrinths (and five casts of do, W.)		do,
273	Cast of Labyrinth		P. H.
274	Cast of bones of Tympanum in brass		do.
275	Cavity of Tympanum injected		H.
277	Petrosus Bone, injected		P.
278	Membrane of Tympanum injected		H.

*Nose and Diseases.*

279	Schneiderian membrane on Septum, injected		H.
280	Do. of sheep	do.	do.
281	Do. do. section of	do.	do.
282	Cartilage of Septum, ulcerated through		do.
283	Fungus of Antrum Highmorianum		do.

For Preparations of the Organs of Taste, see  
Organs of Digestion.

*Organs of Touch.*

284	Hand, injected minutely		H.
285	Finger do.		do.

## A.

286	Cutis Vera of Foetal Head, injected minutely	H.
287	Do. do. do.	do.
288	Finger, injected minutely	do.
289	Do. do.	do.
290	Child's arm do.	do.
291	Child's hand do.	do.
292	Rete Mucosum of finger, injected minutely	do.
293	Do. do. do.	do.
294	Do. do. do.	do.
295	Absorption of colouring matter of the Rete Mu- cosum of Mons Veneris of an African	do.
296	Print of Leprosy in a Negro	Prof. Keating.

## Miscellaneous Articles in Morbid Anatomy.

297	Hernia Inguinal	H.
298	Do. do.	do.
299	Do. do.	do.
300	Do. ventro-inguinal	do.
301	Hernia, Inguinal sac of	do.
302	Partial ossification in Tunica Arachnoidea of Spinal marrow	do.
303	Hydatid from lateral ventricle of Brain	do.
304	Tumour cut from a man's face, by Dr. Physick	P. H.
305	Fungus Hæmatodes of kidney	do.
306	Do. do. thigh	H.
307	Carcinoma of Eye	P. H.
308	Schirrus Tumour	do.
309	Do. of Female Breast	H.
310	Fibrous Tumour	P. H.
311	Do. from thigh	H.
312	Do. do.	P. H.
313	Do. from the side of the nose	H.
314	Adipose Tumour	do.
315	Do. do.	do.
316	Sebaceous gland enlarged	do.
317	Cellular substance beneath ulcer, injected	do.

A.		H.
318	Granulations of ulcer. injected	
319	Do. do. do.	do.

## Natural History.

		P. H.
320	Snake	do.
321	Do.	do.
322	Do.	do.
323	Chrysalis	do.
324	Do.	do.
325	Scorpion	do.
326	Do.	do.
327	Large Spider	do.
328	Flying Fish	do.
329	Leech, prepared and presented by	Dr. Fisher
330	Do. do.	do.
331	Large Lumbricus from Dog	P. H.
332	Two large Lumbrici	do.
333	Small Alligator	H.
334	Chameleon	P. H.
335	Winged Lizard	do.

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Series B, consisting in Dried Preparations,  
Corrosions, Bones, &c.

B.			W.
1	Lymphatics of Head	(Italian)	
2	Thoracic Duct	do.	do.
3	Do.		do.
4	Do.	(Italian)	do.
5	Do. with Lymphatics of Pelvis	do.	do.
6	Upper extremity and Thorax superficial Lymphatics	(Italian)	do.
7	Do. superficial lymphatics of	do.	do.
8	Do. deep seated do.	do.	do.
9	Lower extremity & penis sup. lymph. of,	do.	do.

B.

10	Lower extremity super. lymph. of	(Italian)	W.
11	Do.	do.	do.
11-1	Do.	do.	P. H.
12	Do.	do. on board	W.
13	Do.	do. and thoracic duct	do.
14	Do.	do.	do.
15	Do.	do.	do.
16	Do.	do.	do.
17	Do. deep seated do.	(Italian)	do.
18	Lymphatics Internal Mammary	do.	do.
19	Lacteals of Turtle		do.
20	Do. Human, adult	(Italian)	do.
21	Do. Infant		do.
22	Lymphatics of Gall Bladder		do.
23	Lymphatic Gland, injected		do.
24	Quicksilver injection, of Hand		do.
25	Dried preparation of cutis with marks		do.
26	Do.	do.	do.
27	Do.	do.	do.
28	Do.	do.	do.
29	Do.	do.	do.
30	Adult heart, injected with wax		do.
31	Do. do.	do.	de.
32	Do. do.	do.	do.
33	Do. do.	do.	do.
34	Do. do.	do.	do.
35	Do. do.	do.	do.
36	Do. do.	do.	de.
37	Do. do.	do.	do.
38	Do. do.	do.	do.
39	Do. do.	do.	do.
40	Do. do.	do.	H.
40-1	Do. (and one infant)	do. in bell glass	P. H.
40-2	Do. do.	do.	do.
40-3	Do. do.	do.	do.
41	Aorta, a section of	do.	W.
42	Heart and lungs	do.	do.

B.

43	Infantile heart, injected with wax		W.
44	Do.	do.	do.
45	Do.	do.	do.
46	Do.	do.	do.
47	Do.	do.	do.
48	Aorta descendens	do.	do.
49	Heart of adult	corroded	do.
50	Do.	do.	do.
51	Do.	do.	do.
52	Do.	do.	do.
53	Do.	do.	do.
54	Do.	do.	do.
55	Do.	do.	do.
56	Do.	do.	P. H.
57	Do.	do.	do.
58	Heart and lungs of sheep	do.	W.
59	Diseased lung, injected and dried		P. H.
60	Arteria Innominate sending off three trunks		W.
60-1	Right subclavian artery coming from descending aorta		do.
61	Fœtal heart, injected with wax		do.
61-1	Do. Circulation		do.
61-2	Do.	do.	do.
62	Do.	do.	do.
63	Do.	do.	P.
64	Placenta, injected with wax		H.
65	Do.	do.	W.
65-1	Do.	do.	P. H.
66	Larynx, dried		H.
67	Do.	do.	W.
68	Do.	do.	P. H.
69	Lung, corroded after wax injection		W.
70	Do.	do.	do.
71	Do.	do.	do.
71-1	Do.	do.	do.
72	Stomach, injected with wax		H.
73	Do.	do.	W.

## B.

74	Stomach, injected, section of, with wax	H.
75	Do. Pyloric orifice	do.
76	Intestines, veins of, injected	do.
77	Do. do.	do.
78	Do. do.	do.
79	Valve of Colon	do.
80	Do. do.	W.
81	Diverticulum, in small intestine	H.
82	Gall Bladder	W.
83	Do. do.	do.
84	Venæ Portarum, on board	H.
85	Liver, corrosion of	W.
86	Gall Bladder, do.	do.
87	Liver, corrosion of	do.
88	Do. do.	do.
89	Pancreas, duct of	W.
90	Glass case, containing a corrosion of the human spleen, and of a calf's spleen	do.
91-1	Vessels of Kidneys, on a board	H.
91	Kidneys, ten corrosions of, in a glass case	W.
92	Kidney, corroded	do.
93	Do. do.	do.
94	Do. do.	do.
95	Do. do.	do.
96	Do. do.	do.
97	Do. do.	do.
98	Do. do.	do.
99	Do. do.	do.
100	Do. do.	do.
101	Do. do.	do.
102	Do. do.	do.
103	Do. do.	do.
104	Do. do.	do.
105	Do. do.	do.
106	Do. do.	do.
107	Do. do.	do.

## B.

			W.
108	Kidney, corroded		
109	Do. do.		do.
110	Do. do.		do.
111	Do. do.		do.
112	Do. do.		do.
113	Urinary Bladder, filled with wax		do.
114			
115	Do. inflated		do.
116	Penis, corrosion of		do.
117	Do. injected		do.
118	Do. do.		do.
119	Do. do. with bladder		H.
120-1	Do. do. do.		P. H.
120	Do. model of		W.
121	Do. injection		do.
122	Do. do.		do.
123	Do. do.		do.
124	Do. do.		do.
125	Do. do.		do.
126	Do. do.		do.
127	Do. do.		do.
128	Do. do.		do.
129	Do. do.		do.
130	Testicle injected with quicksilver		do.
131	Do. do. do.		do.
132	Do. do. do.		do.
133	Do. do. do.		do.
134	Do. do. do.		do.
135	Do. do. do.		do.
136	Do. do. do.		H.
137	Do. do. do.		do.
138	Do. do. do.		do.
138-1	Enlarged drawing of Testis		W.
138-2	Do. do. by Laforest		H.
139	Female mamma injected with quicksilver		W.
140	Gravid Uterus		do.
141	Genital organs of infant female		do.

## B.

142	Genital organs of infant female	W.
143	Fœtal portion of the Placenta of a cow, corroded	H.
143-1	Do. and maternal, dried	do.
144	Schneiderian membrane of sheep, injected minutely	do.
145	Do. do. do.	do.
146	Fœtal cranium enlarged by Hydrocephalus	W.
147	Do. do. do.	H.
148	Adult arterial injection	W.
149	Do. do.	do.
150	Do. and venous do.	do.
150-1	Do. do. injection of Bust	P. H.
151	Boy with Anomaly in ascending cava	W.
152	Do. injected and prepared by Doct. Hodge	H.
153	Small infant injected	W.
154	Fœtus do.	do.
155	Head, arterial injection of	do.
156	Do. do. do.	do.
157	Do. do. do.	H.
158	Do. do. do.	W.
159	Do. do. do.	do.
160	Do. do. do.	do.
161	Do. do. do.	do.
162	Pelvis do. do.	do.
163	Do. do. do.	do.
164	Do. do. do.	do.
164-1	Do. do. do.	P. H.
164-2	Do. do. do.	do.
165	Do. do. do.	W.
166	Aorta abdominal, injection of	do.
167	Do. do.	do.
168	Vertebral artery	H.
169	Do. do.	do.
170	Ophthalmic artery	W.
171	Lower extremity, arterial injection of	do.
172	Do. do.	do.
173	Ham do.	P. H.
174	Lower extremity do.	W.

B.			
175	Lower extremity, arterial injection of		W.
176	Foot	do.	H.
177	Lower extremity	do.	W.
178	Foot	do.	P. H.
179	Lower extremity	do.	W.
180	Do.	do.	do.
181	Do.	do.	do.
182	Do.	do.	do.
183	Upper extremity	do.	do.
184	Do.	do.	do.
185	Do.	do.	do.
186	Do.	do.	do.
187	Do.	do.	do.
188	Do.	do.	do.
188-1	Do.	do.	do.
188-2	Do.	do.	do.
189	Do.	do.	do.
190	Hand	do.	H.
191	Upper extremity	do.	W.
192	Do.	do.	do.
193	Do.	do.	do.
194	Do.	do.	do.
194-1	Arterial injection of the upper extremity in which the brachial artery had been taken up at the elbow joint		P. H.
195	Heart and upper extremity, injection of		W.
195-1	Internal mammary artery		P. H.

### Bones, Healthy and Diseased.

196	Artificial skeleton of a Cherokee Indian, who fought under Gen. Jackson at the battle of the Horse-shoe. Disinterred in Va, in 1822, where he died in 1818	H.
197	Natural adult skeleton	W.
198	Artificial skeleton from France	Dorsey

B.

199	Natural skeleton of foetus of nine months, prepared by Dr. W. A. Irvine				H.
200	Natural skeleton of foetus of seven months				W.
201	Do,	do.	five	do.	H.
201-1	Do.	do.	six	do.	P. H.
202	Hand, bones of, on a board				H.
203	Do.	do.	do.		do.
204	Foot	do.	do.		do.
205	Do.	do.	do.		do.
206	Cranium, Adult				W.
207	Do.	do.			H.
208	Do.	do.			do.
209	Do.	do.			do.
210	Do.	do.			do.
211	Do.	do.			W.
212	Do.	do.			do.
213	Do.	do.			do.
214	Do.	do.			do.
215	Do.	do.			do.
216	Do.	do.	African		H.
217	Do.	do.	North American Indian		Meigs
217-1	Cranium of Indian from the S. W. coast, forehead flattened, by Dr. Cornick, U. S. Navy				P.
217-2	Do.	do.	do.		do.
217-3	Do.	do.	do.		do.
217-4	Do.	do.	do.		do.
217-5	Do.	do.	occiput flattened		do.
217-6	Do.	do.	do.		do.
217-7	Do.	do.	do.		do.
217-8	Do.	do.	do.		do.
217-9	Do.	do.	do.		do.
217-10	Do.	do.	do.		do.
218	Sinuses of Brain, model of				W.
219	Processes of Dura Mater				do.
220	Do.	do.			do.
221	Do.	do.			do.

B.			H.
222	Pelvis, female		W.
223	Do. do.		do.
224	Do. do.		do.
225	Do. do.		do.
226	Do. male		J.
227	Do. female		H.
228 }	Do. vertical section of		do.
228 }	Do. do.		W.
229	Do. very large		J.
230	Do. deformed		do.
231	Do. very much contracted		W.
232	Cranium, foetal		do.
233	Do. do.		do.
234	Do. do.	>	H.
235	Do. do.		do.
236	Do. do.		do.
237	Do. do.		do.
238	Do. do.		do.
239	Do. do. section of		do.
240	Do. do. do.		do.
241	Do. do. do.		do.
242	Do. do. do.		do.
243	Os humeri, with spines growing on it		W.
244	Do.	do.	do.
245	Ulna	do.	do.
246	Do.	do.	do.
247 }	Os Femoris	do.	do.
247 }	Do.	do.	do.
248	Do.	do.	do.
249	Tibia	do.	do.
250	Do.	do.	do.
251	Fibula	do.	do.
252	Do.	do.	do.
253	Os femoris with a spine on it		H.
254	Os innominatum with spine on venter of ilium		do.
255	Do tuber on	do.	do.

\* \* The bones from 243 to 252 inclusive, belonged to one set.

## B.

256	Os femoris unusually thin and brittle	W.
256	Do. do.	do.
257	Do. do.	do.
257	Do. do.	do.
258	Do. very heavy and ivory like	do.
258	Do. do.	do.
259	Tibia do.	do.
259	Do. do.	do.
260	Do. distorted (Cyrtosis Rachia)	P. H.
261	Fibula do. do.	do.
262	Do. do. do.	W.
263	Ulna do. do.	do.
264	Caries of the Cranium	H.
265	Do. do.	W.
266	Do. Os humeri, commencing	do.
267	Do. do.	do.
267	Do. do.	do.
268	Do. do.	do.
269	Do. femur	do.
270	Do. do.	do.
270	Do. do.	do.
271	Do. do.	do.
271	Do. do.	do.
272	Do. do.	do.
272	Do. do.	do.
273	Do. do.	do.
274	Do. Tibia	do.
275	Do. do.	do.
276	Do. do.	do.
277	Do. Fibula	do.
278	Do. do.	do.
279	Do. do.	do.
280	Do. do.	do.
281	Do. do.	do.
281	Do. do.	do.
282		

B.			P.
283	Caries of the spine		Coats
284	Fracture of do.		W.
285	Caries of spine		H.
286	Do. do.		W.
287 {	Necrosis of Femur		do.
287 }	Do. do.		P.
288	Do. Tibia		W.
289	Exfoliation at the end of Tibia		do.
290	Do. do.		W.
291			
292	Do. do.		W.
293	Do. Fibula		do.
294	Do. do.		do.
295 {	Osseous granulations from Tibia		do.
295 }	Do. do.		do.
296	Depression of Cranium		H.
296-1	Do. do.		do.
296-2	Old sabre cut on head		do.
296-3	Six fractured ribs on a board		W.
296-4	Rib imperfectly ossified		H.
296-5	Clavicle broken		W.
296-6	Os humeri of Turkey broken		do.
296-7	Fracture of Cranium, by Dr. Cornick, U. S. Navy,		P.
297	Os humeri fractured and united		H.
298	Ulna do.		W.
299	Radius fractured do.		do.
300	Do. do.		H.
301	Femur fractured at neck and not united		P. H.
302 {	Do. do.	do. of 20 days standing	do.
303 }			
304			
305	Do. do.	do.	P.
306			
307	Do. do.	do.	W.
308	Do. fractured in body		H.

## B.

309 }	Femur fractured and united	W.
309 }	Do. do.	do.
310	Do. do.	do.
311	Do. do.	do.
312	Do. amputated. Rounded at end	do.
313	Do. presenting an artificial joint arising from gun-shot fracture. Taken by Dr. Horner from a British Soldier at Buffalo, N. York, after amputation, 1814.	H.
314 }		
315 }	One preparation, Tibia, fractured and united	W.
316	Do. do. do.	do.
317	Do. do. do.	do.
318	Do. do. do.	do.
319 }		
320 }	Do. do. do.	do.
321	Do. Fibula do.	do.
322	Do. do. do.	do.
323	Board, holding ankylosis of knee, of ankle, of wrist, and of tibio fibular articulation	do.
324	Ankylosis of Tibia, with Fibula	do.
325	Do. do. do.	do.
326	Do. do. do.	do.
327	Do. Sternum with first rib	do.
328	Do. of vertebræ in a horse	do.
329	Do. human lumbar vertebræ	do.
330	Do. sacrum with last lumbar vertebra	do.
331	Do. do.	do.
332	Do. sacrum with innominatum	H.
333	Do. do.	do.
333-1	Board holding four specimens of ossified Larynx (ostheoxia)	H.
334	Os innominatum got up from Hussar sloop of war, sunk in the East River during Revolution	P. H.
335	Board containing fourteen specimens of bone from the field of Waterloo, 1821	H.
	E	

B.

335-1	Board, 1st column contains bones from Bridge-water field of battle	Dr. Howell
	2d column, contains Bullets, &c. from Waterloo	H.
3d	do. from patients in	P. H.
3d	A temporal bone from the catacombs of the ancient Christian martyrs in Rome, supposed to be 1600 years old	Dr. Griffith
336	Inflammation of tibia of turkey	P.
337	Do. articular extremity of femur	W.
338	Do. do. tibia	do.
339	Do. do. humerus	do.
340	Do. do. do.	H.
341	Do. do. radius	do.
342	Board holding { Hip joint of Infant diseased Do. adult do.	W. H.
343	Do. do. do.	W.
344	Artificial acetabulum from dislocation	do.
345	Do.	H.
346	Artificial head of humerus from do.	do.
347	Os humeri of dog; joint changed by fracture	Dr. Coxe
348	Exostosis of femur	P. H.
349	Do. in femur of sheep from fracture	W.
350	Spina ventosa of radius	H.
351	Deficient ossification in cranium of infant	do.
352	Scrofulous exostosis of vertebra	do.

## Calculi.

353	Glass bell containing calculus of bladder marked No. 1.	P. H.
354	Do. containing calculus of bladder marked No. 2.	do.
355	Do. containing calculi of bladder marked No. 3, 4, 5, 6. No. 3, was extracted from John Brown, aged 23. Weight 13 3jj 8gr. Operation performed	

B.

	Dr. Physick, Nov. 23, 1811, in less than three minutes	P. H.
	No. 4. Extracted by Dr. Physick, and given to the Hospital	do.
	No. 5. Taken from John Felt	do.
	No. 6. Extracted July 22d, 1818, by Dr. Parish in less than two minutes, from Isabella Ber- ry, aged nine years. Weight 3jjj gr. 2.	do.
356	Glass bell containing calculi of bladder, marked No. 7, 8 a. 8 b. Extracted Nov. 17th 1810, by Dr. Physick, from George Wall. Weight 13 9jjj 10gr.	P. H.
357	Glass bell containing calculus of bladder, marked No. 9. Taken from John Shaw after death	do.
358	Glass bell containing calculi of bladder, marked No. 10, 11.	do.
	No. 10. Taken from _____	do.
	No. 11. Taken from the bladder of a rat, by J. Bishop	do.
359	Glass bell containing calculi, No. 12, 13.	W.
	No. 12. Taken from the sublingual duct of a horse, having produced Ranula	W.
	No. 13.	
360	Do. containing Urinary calculi, marked No. 14, 15.	P.
	No. 14. Extracted by Dr. Physick	H.
	No. 15. Do. do.	
361	Do. containing Biliary calculi, marked No. 16, 17, 18.	do.
	No. 16.	
	No. 17, 18. Taken from the gall bladder of a pa- tient after death, by Dr. Physick	do.

## Comparative Anatomy and Natural History.

362	Coral rock	H.
363	Shark, jaws of	Dr. Ch.

B.		P. H.
364	Shark, jaws of	H.
365	Head of Rock fish	W.
366	Upper jaw bones of a fish (sheep head)	H.
367	Cranium of a sheep	do.
368	Do. large dog	P. H.
369	Do. small dog	do.
370	Do. cat	H.
371	Do. do.	W.
372	Do. Beaver	do.
373	Do. Martin	H.
374	Do. Rabbit	W.
375	Bone of penis of Raccoon	Ch.
375-1	Do. do.	W.
376	South American Lizard	do.
377	Heart of Large Dog	do.
378	Do. Panther	do.
379	Do. Sea Turtle	do.
380	Do. Cat	do.
381	Do. do.	do.
382	Bull frog injected	do.
383	Piece of Turtle's lung	do.
384	Do. do.	do.
385	Do. do.	do.
386	Trachea of Bullock	do.
387	Larynx of do.	do.
388	Nat. skeleton of a Cat'	do.
289	Do. Squirrel	do.
390	Do. Mouse, prep. by Dr. J. R. Barton	do.
391	Do. Duck	do.
392	Do. Chicken	do.
393	Monkey, injected	H.
394	Natural skeleton of monkey	W.
395	Mastodon, lower jaw of	P. H.
396	Head of American Deer	



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